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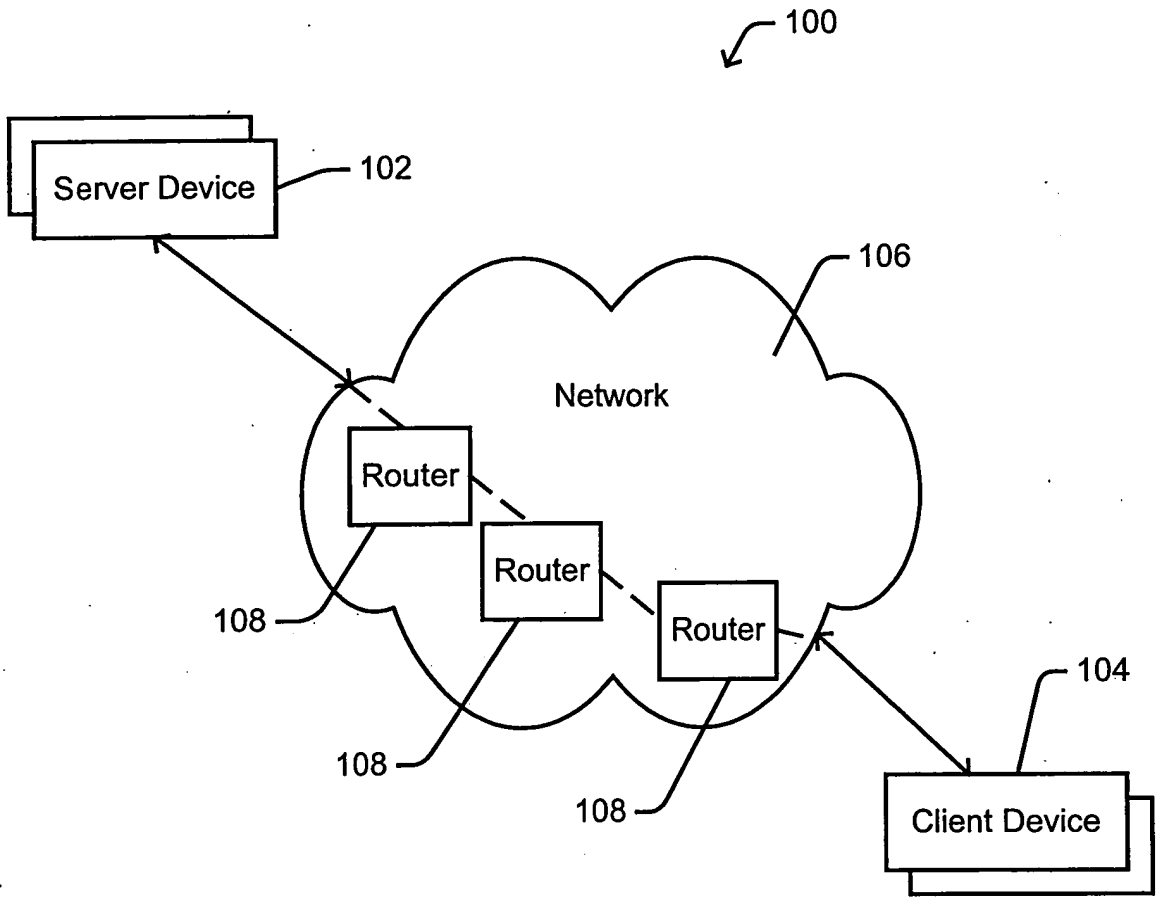

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Server Device
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Network
Router
Router
Router
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108
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Client Device

Fig. 1

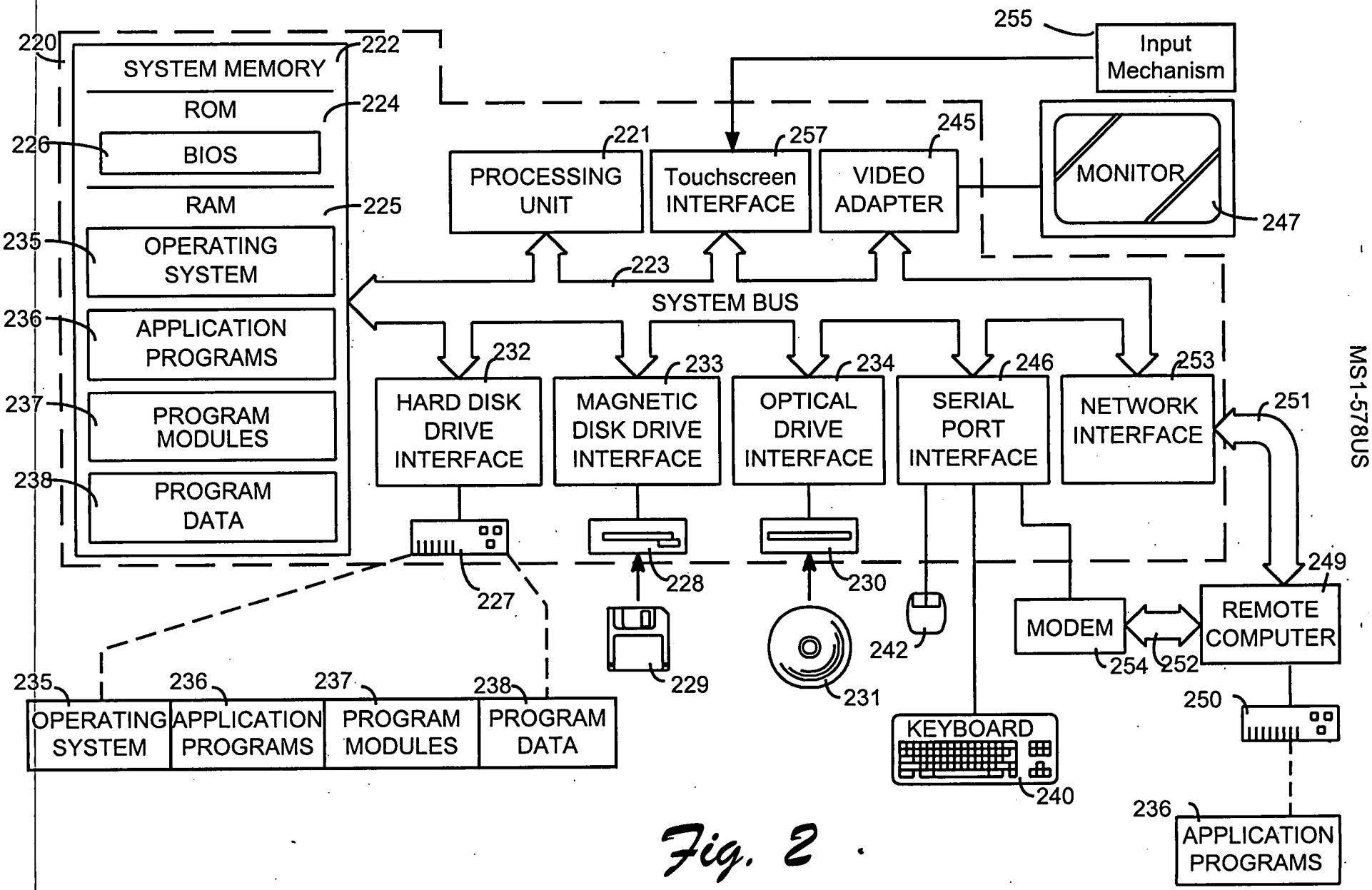

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PROGRAM DATA

Fig. 2

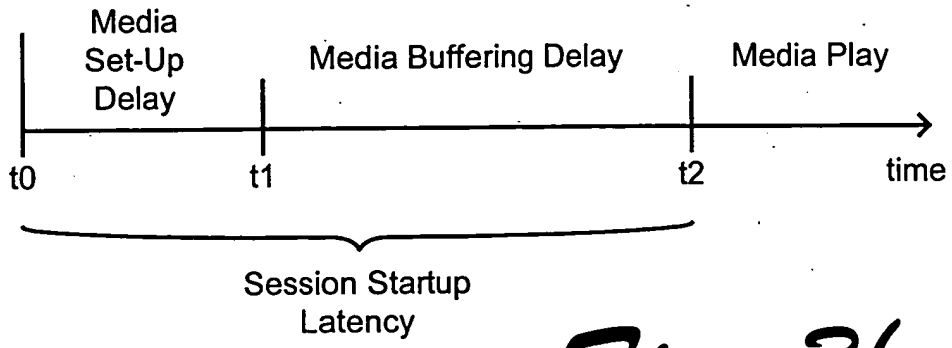


Fig. 3(a)

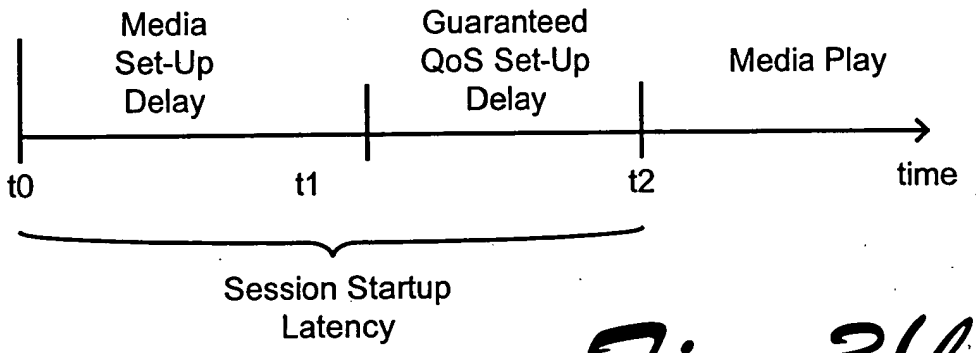


Fig. 3(b)

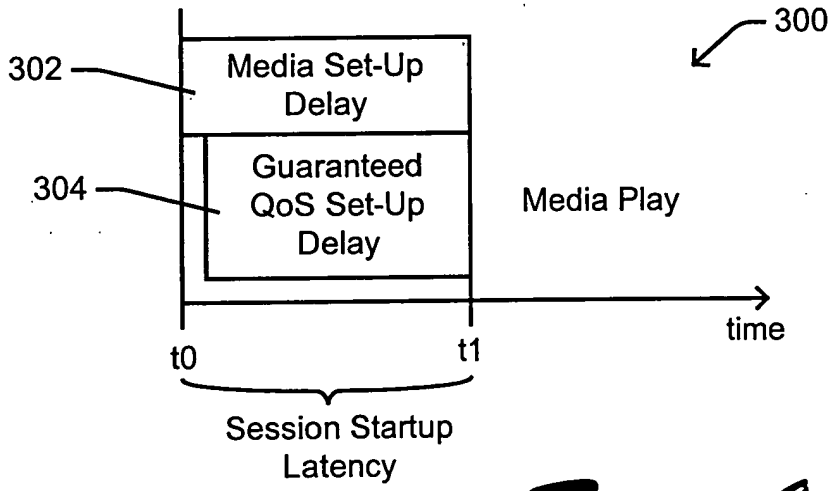
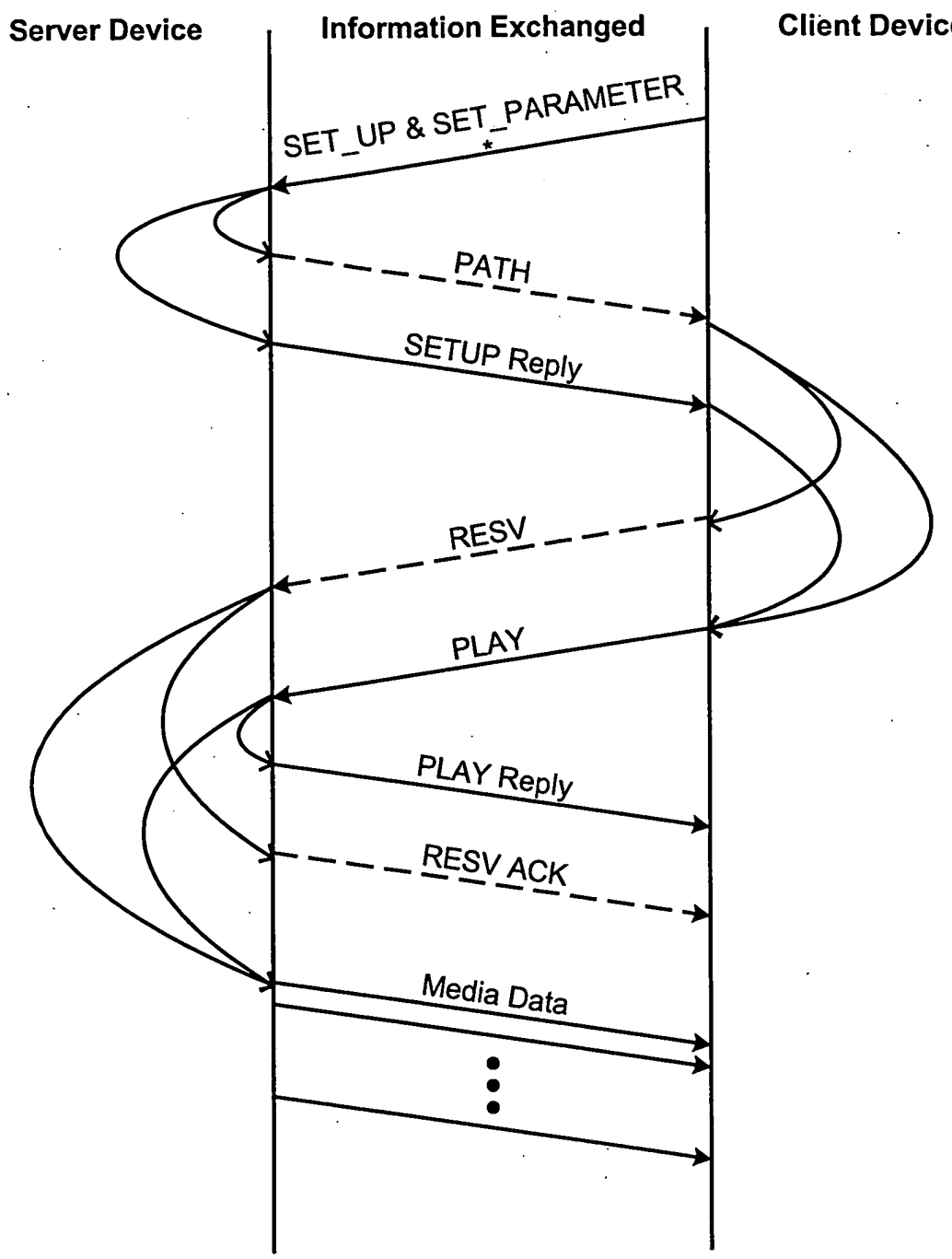


Fig. 4



* specifying options, such as, e.g., to wait for RESV before sending media data, never send best-effort, etc.

Fig. 5

Step	Direction	Action	Remark
1	C -> S	Create a RTSP control connection over TCP	
2	C -> S	Send RTSP SETUP request with the send best-effort data option for every stream in the program.	
3.	C->S	Send a RTSP SET_PARAMETER request to the server immediately after the SETUP message.	
4	S -> C	Open UDP data socket. Send RSVP PATH message. Send RTSP SETUP reply.	
5	C	Receive RTSP SETUP reply.	
6	C -> S	Send RTSP PLAY request.	
7.	S -> C	Send RTSP PLAY reply. Send Data best-effort.	
8.	C	Receive Data best-effort.	
9.	C	Receive RSVP PATH message.	Client receives FD_QOS notification
10.	C -> S	Send RSVP RESV message.	
11.	S	Receive RSVP RESV message. Change setting to guaranteed.	
12.	S -> C	Send RSVP RESV CONF message. Send Data guaranteed.	
13.	C	Receive RSVP RESV CONF message. Receive Data.	FD_QOS notification

Fig. 6